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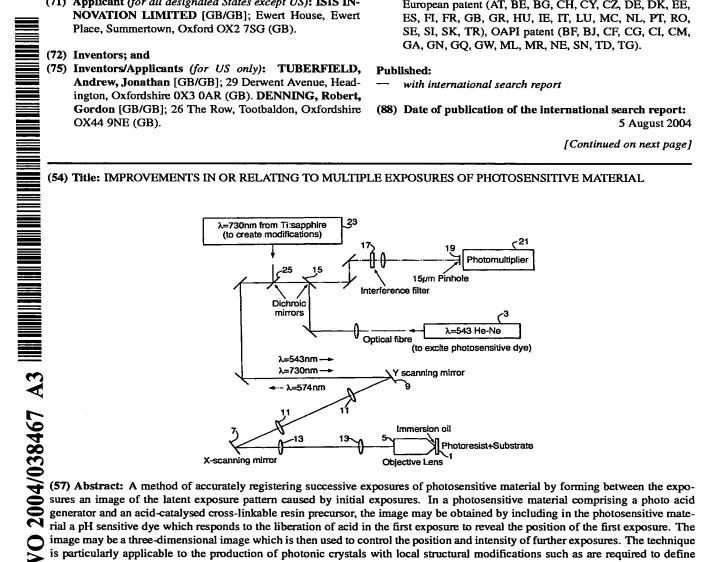


image may be a three-dimensional image which is then used to control the position and intensity of further exposures. The technique is particularly applicable to the production of photonic crystals with local structural modifications such as are required to define waveguides or resonators.





For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

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a. classification of subject matter IPC 7 G02B6/12 G03F9/00 G03F7/20 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 GO2B G03F Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, INSPEC C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Citation of document, with indication, where appropriate, of the relevant passages Category ° 1,2,12, US 6 139 995 A (BURM JINWOOK ET AL) Х 20-22 31 October 2000 (2000-10-31) column 2, line 59 - column 3, line 39; figures 3-5 column 6, line 38 - line 64 US 6 344 892 B1 (SUGITA MITSURO ET AL) Х 5 February 2002 (2002-02-05) column 4, line 11 - column 5, line 36; figures 3,4 column 7, line 7 - line 23 US 5 847 812 A (OKAMOTO KAZUYA ET AL) -11 Υ 8 December 1998 (1998-12-08) column 1, line 65 - column 5, line 21. Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents: later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of mailing of the international search report Date of the actual completion of the international search 23 February 2004 12 05 2004 Name and mailing address of the ISA Authorized officer

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